

Unified Reporting System

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The International Center for AIDS Care and Treatment Program (ICAP)




GDEST Conference

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The International Center for AIDS Care and Treatment Program (ICAP) <http://www.columbia-icap.org/>




ICAP

International Center for AIDS Care and Treatment Programs
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Welcome

The International Center for AIDS Care and Treatment Programs (ICAP) at Columbia University's Mailman School of Public Health supports high-quality, HIV-related activities around the world. ICAP's three main focus areas are: service delivery, training, and operational research. ICAP works with host countries and other organizations, principally in sub-Saharan Africa, to build capacity for family-focused HIV/AIDS prevention, care, and treatment programs. ICAP programs are funded by a variety of sources, including foundations and the United States government.


Where We Work

Place cursor over countries to learn more about ICAP activities.



Data as of Feb. 7, 2008.

What's New

-  [ICAP Posters from XV Conference on Retroviruses and Opportunistic Infections](#)
-  [ICAP E News - February 2008 Edition](#)
-  [TRAC Public Health Evaluation of Outcomes from the National Antiretroviral Program in Rwanda](#)

Latest Resources



ICAP clinical publication, "Screening for Tuberculosis in Individuals with HIV Infection," provides guidance to HIV care providers in resource-limited settings.

Innovations



New initiatives and approaches are regularly developed to meet the challenges of HIV/AIDS and the needs of individuals and affected families. [Read more](#)

ICAP At Work

Partnerships with Community-based Organizations Key to Delivering Patient Support Services in Nigeria

In Nigeria, community-based organizations (CBOs), such as health advocacy and faith-based groups, play important roles in raising awareness and reducing stigma about HIV/AIDS.

In Bekwara, Cross River State, ICAP works closely with the Rural Women Development Initiative (RUWDI), a CBO with a long history of involvement with HIV/AIDS, to educate the community about the disease and provide a host of support services to patients and their families. With technical support from ICAP, RUWDI provides escort services to patients to ensure their adherence to care and treatment. Its members also help track down patients who have discontinued care and treatment and return them to their service sites.

A particular focus of RUWDI is to provide nutritional and financial support to needy patients and their families, as well as orphans and vulnerable children. The organization coordinated the establishment of a Food Bank, which has assisted more than 400 people living with HIV/AIDS and their families since June 2007. RUWDI has also provided school fees and other necessities for a number of orphaned children.



Challenges

- **Data dissemination and use of data**
- **Some important aspects of programs are hard to capture with patient-focused or patient-driven indicators**

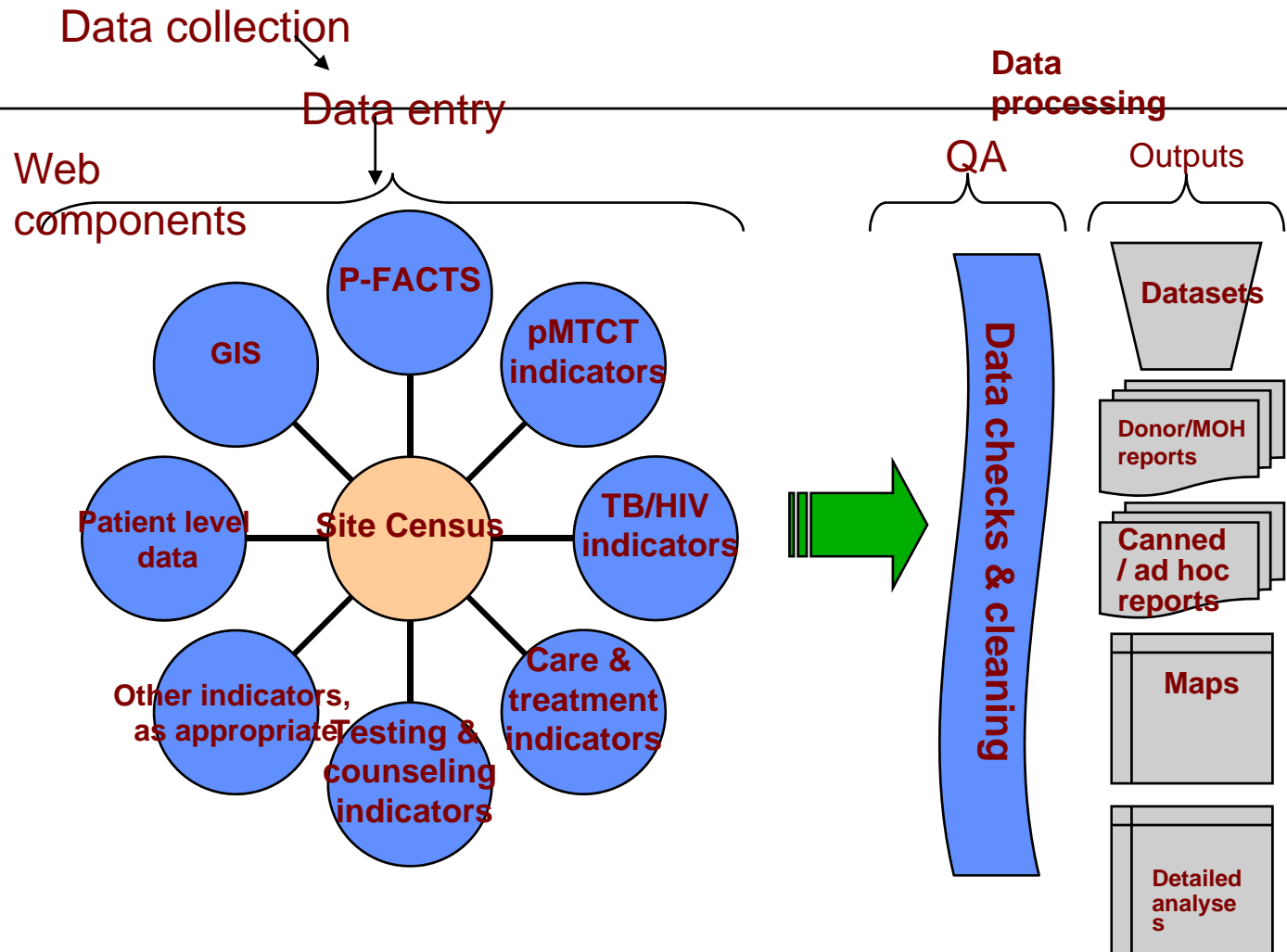
Response:

- Created Data Dissemination website
- **Unified reporting system**
 - Combine reported data across programmatic areas to produce integrated analyses
- Created a Program and Facility Characteristics Tracking System (PFaCTS)
 - Info on program and facility characteristics are routinely and systematically captured using a standard instrument

Challenge: Multiple reporting demands

Response: Unified reporting system

– Unifying factor: Site Census



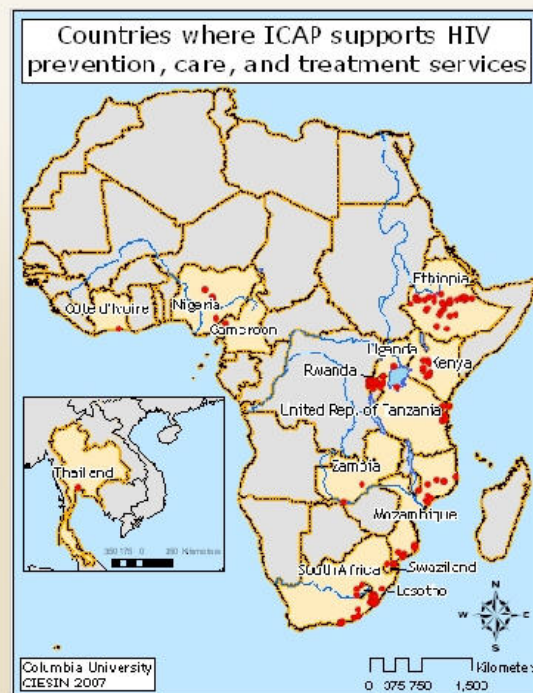
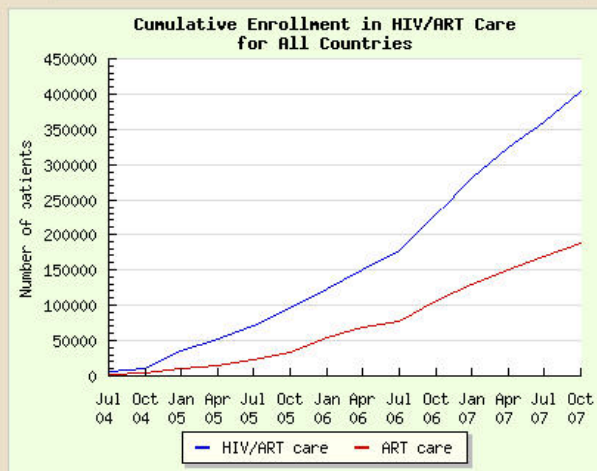
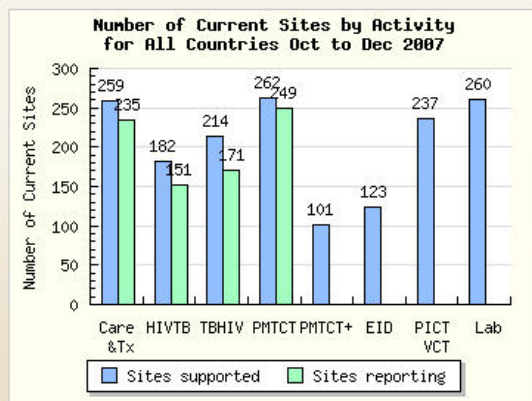
Unified Reporting System

Dashboard for all countries

[Navigate by Activities \(View All Sites\)](#) [Navigate by Site](#)

In order to minimize the download time of the dashboard, it is regenerated hourly. This means that any updates you have made will not appear on the dashboard for an hour.

Select a country: All Countries



If the number of sites on the map does not match the number of supported sites, coordinates for some sites are missing.

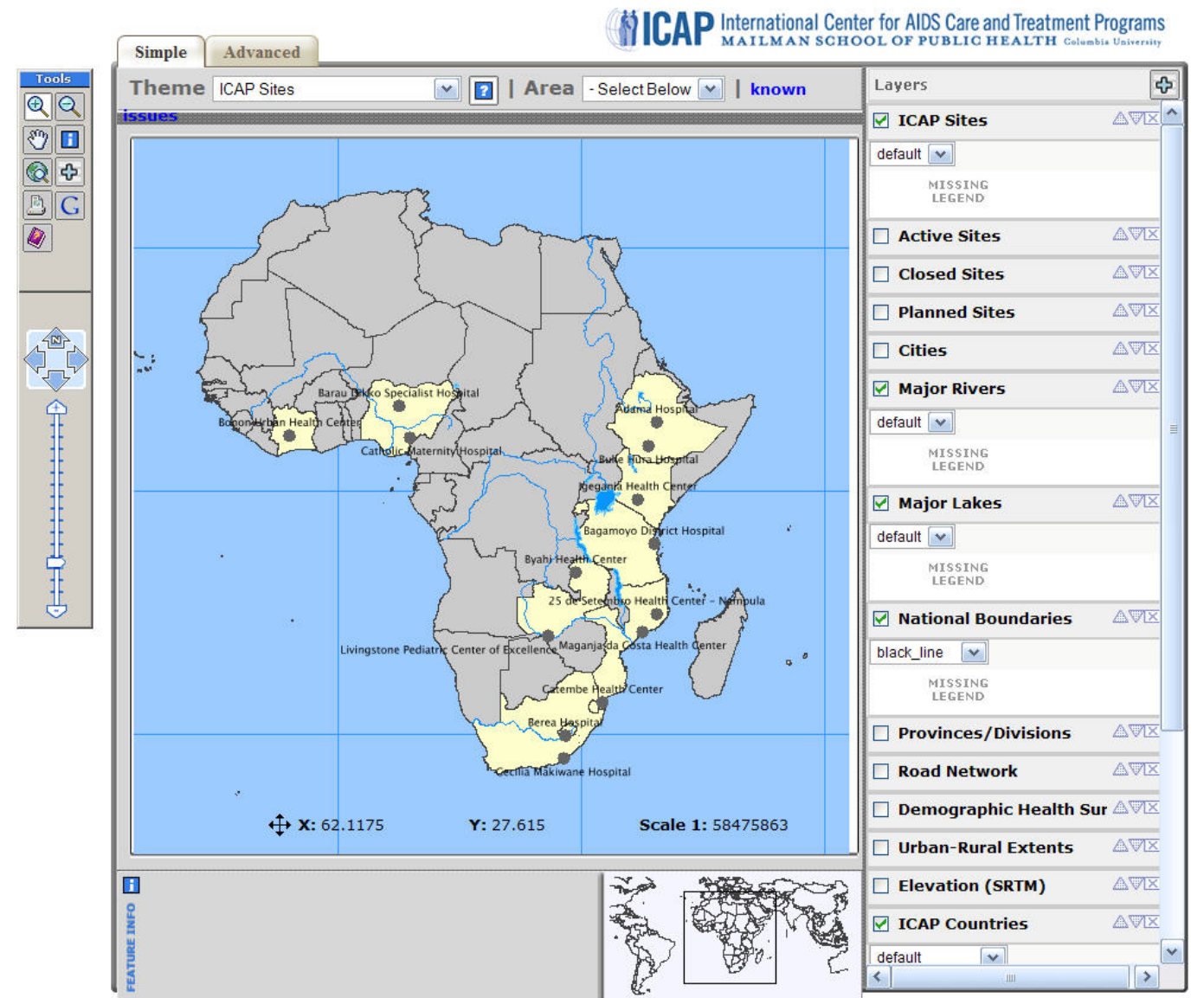
Unified Reporting Table

Table of vital indicators for ICAP-supported activities in All Countries						
HIV care and treatment	Oct-Dec 2007	Jul-Sep 2007	Apr-Jun 2007	Jan-Mar 2007	Oct-Dec 2006	Jul-Sep 2006
Number of current sites supported	263	239	246	224	211	158
Number of current sites reporting	235	221	234	213	184	158
Number with active outreach	tbd	tbd	tbd	tbd	n/a	n/a
Number with adherence support	tbd	tbd	tbd	tbd	n/a	n/a
Number with peer educator program	tbd	tbd	tbd	tbd	n/a	n/a
COP 2007 Cumulative HIV Care Target	208,594	255,733	235,456	232,599	191,512	0
Cumulative number in care	403,266	360,209	324,591	280,588	229,490	177,415
Number currently in care	217,866	195,530	198,771	177,222	135,498	107,663
Proportion male	30 %	31 %	30 %	29 %	30 %	30 %
Proportion female	58 %	60 %	59 %	58 %	59 %	58 %
Proportion children	12 %	10 %	11 %	13 %	11 %	12 %
COP 2007 Cumulative ART Care Target	83,663	103,786	99,214	94,564	76,451	0
Cumulative number on ART	188,397	167,798	150,800	129,940	106,954	77,883
Number currently on ART	107,723	96,372	96,309	86,906	68,956	45,062
Proportion male	31 %	32 %	32 %	32 %	33 %	34 %
Proportion female	58 %	58 %	58 %	58 %	58 %	57 %
Proportion children	10 %	10 %	10 %	10 %	9 %	9 %
Median CD4 at ART initiation	140.8	142.5	143.2	133.5	148.2	152.4
Change in median CD4 after 6 months of ART	143.9	140.4	135.3	143.5	110.5	111.6
Change in median CD4 after 12 months of ART	170.5	174.6	167.3	156.7	144.7	135.8
Number died	8,384	7,230	6,156	5,636	4,092	2,509
Number LTF	14,214	10,909	11,508	9,511	7,880	3,443
Number unknown	3,026	1,881	3,100	3,528	2,439	1,550
Number transferred	8,671	7,001	5,488	4,148	3,160	2,166
Number of person-years on ART (all patients)	TBD	TBD	TBD	54,674	TBD	TBD

Unified Reporting Tables

TB Screening in Care and Treatment	Oct-Dec 2007	Jul-Sep 2007	Apr-Jun 2007	Jan-Mar 2007	Oct-Dec 2006	Jul-Sep 2006
Number of current sites supported	213	194	174	150	134	n/a
Number of current sites reporting	171	163	149	121	0	n/a
Number of new patients enrolled into HIV care	24,484	23,312	19,680	18,086	n/a	n/a
Proportion of new patients screened for active TB at enrollment	65 %	61 %	54 %	48 %	n/a	n/a
Proportion screening positive for active TB	22 %	26 %	23 %	24 %	n/a	n/a
Proportion starting TB treatment	18 %	20 %	24 %	37 %	n/a	n/a
HIV testing in TB clinics	Oct-Dec 2007	Jul-Sep 2007	Apr-Jun 2007	Jan-Mar 2007	Oct-Dec 2006	Jul-Sep 2006
Number of current sites supported	181	167	95	55	3	n/a
Number of current sites reporting	151	133	86	67	3	n/a
Number of new patients enrolled into TB care with unknown HIV status	7,921	7,520	6,958	7,444	258	n/a
Proportion HIV tested	85 %	81 %	68 %	77 %	98 %	n/a
Proportion testing HIV positive	18 %	22 %	26 %	24 %	39 %	n/a
Proportion enrolled in HIV care and treatment program	69 %	64 %	66 %	74 %	143 %	n/a
PMTCT	Oct-Dec 2007	Jul-Sep 2007	Apr-Jun 2007	Jan-Mar 2007	Oct-Dec 2006	Jul-Sep 2006
Number of current sites supported	278	262	159	118	98	n/a
Number of current sites reporting	249	227	139	85	79	n/a
Number of pregnant women making their 1st visit to an antenatal clinic with PMTCT services	65,612	49,762	36,809	4,130	n/a	n/a
Number of pregnant women attending their first ANC visit at a PMTCT site who were tested	44,038	33,623	27,097	4,037	n/a	n/a
Number of pregnant women who tested positive for HIV at ANC	3,788	2,840	2,285	306	n/a	n/a
Number of PMTCT client partners who received HIV counseling and testing at ANC/PMTCT program	5,009	5,808	2,813	2,085	n/a	n/a
Number of HIV-positive pregnant women who received any prophylaxis	2,754	1,924	1,081	1,075	1,060	n/a
Number of HIV-positive pregnant women who received their CD4 test results	569	461	292	7	n/a	n/a
Number of HIV-positive pregnant women enrolled in a comprehensive HIV care and treatment program	967	741	425	93	26	n/a

Interactive Mapping Tools for Health Care Management Systems



Mapping Themes

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Simple Advanced

Theme **ICAP Sites** | Area Africa | known

issues

- Select Below
- ICAP Sites
- Care and Treatment
- TB-HIV
- Site Census
- Mother-to-Child Transmission

Tools

Layers

- ☒ **ICAP Sites**
- default
- MISSING LEGEND
- ☐ **Active Sites**
- ☐ **Closed Sites**
- ☐ **Planned Sites**
- ☐ **Cities**
- ☒ **Major Rivers**
- default
- MISSING LEGEND
- ☒ **Major Lakes**
- default
- MISSING LEGEND
- ☒ **National Boundaries**
- black_line
- MISSING LEGEND
- ☐ **Provinces/Divisions**
- ☐ **Road Network**
- ☐ **Demographic Health Sur**
- ☐ **Urban-Rural Extents**
- ☐ **Elevation (SRTM)**
- ☒ **ICAP Countries**
- default

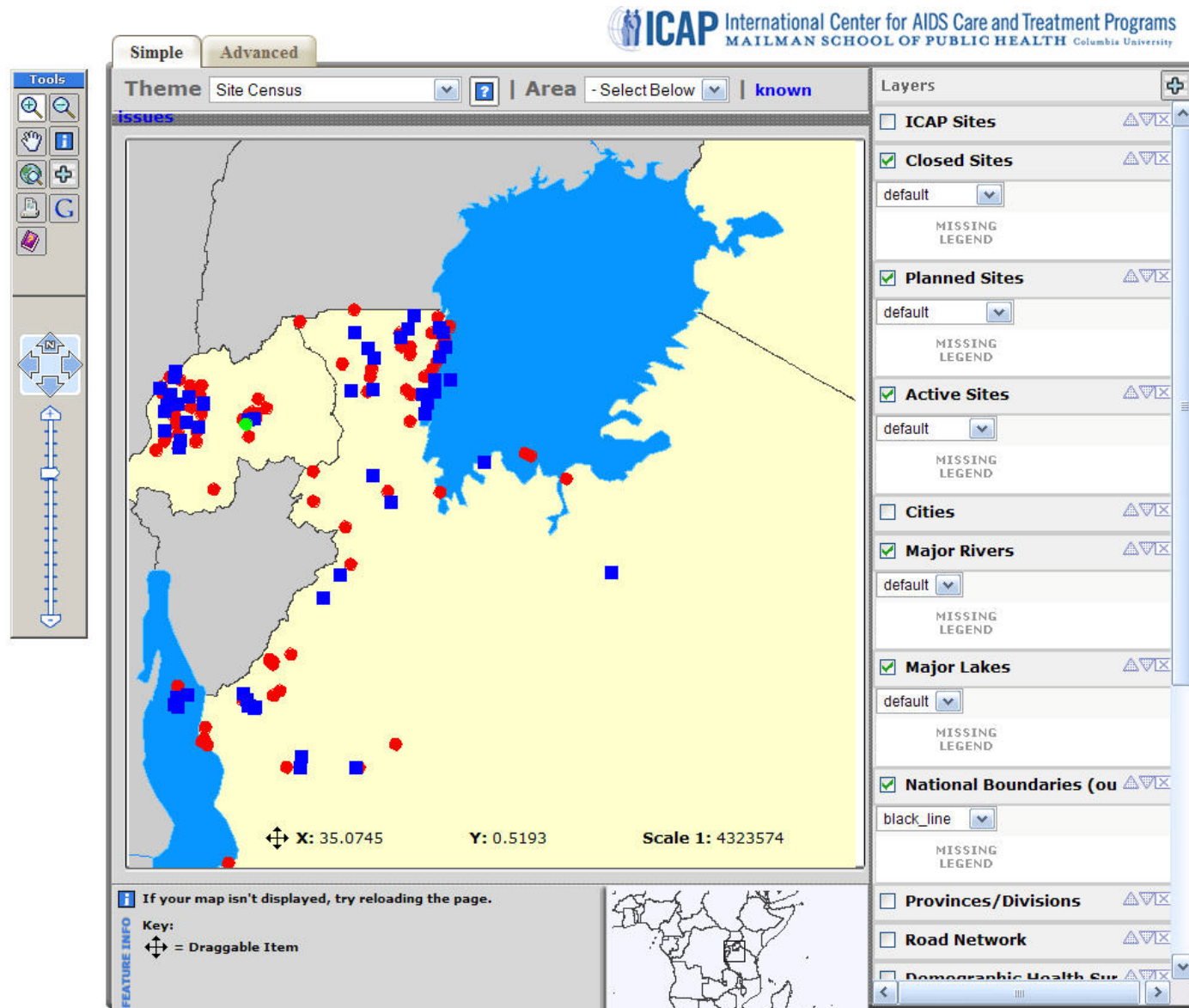
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 = Draggable Item

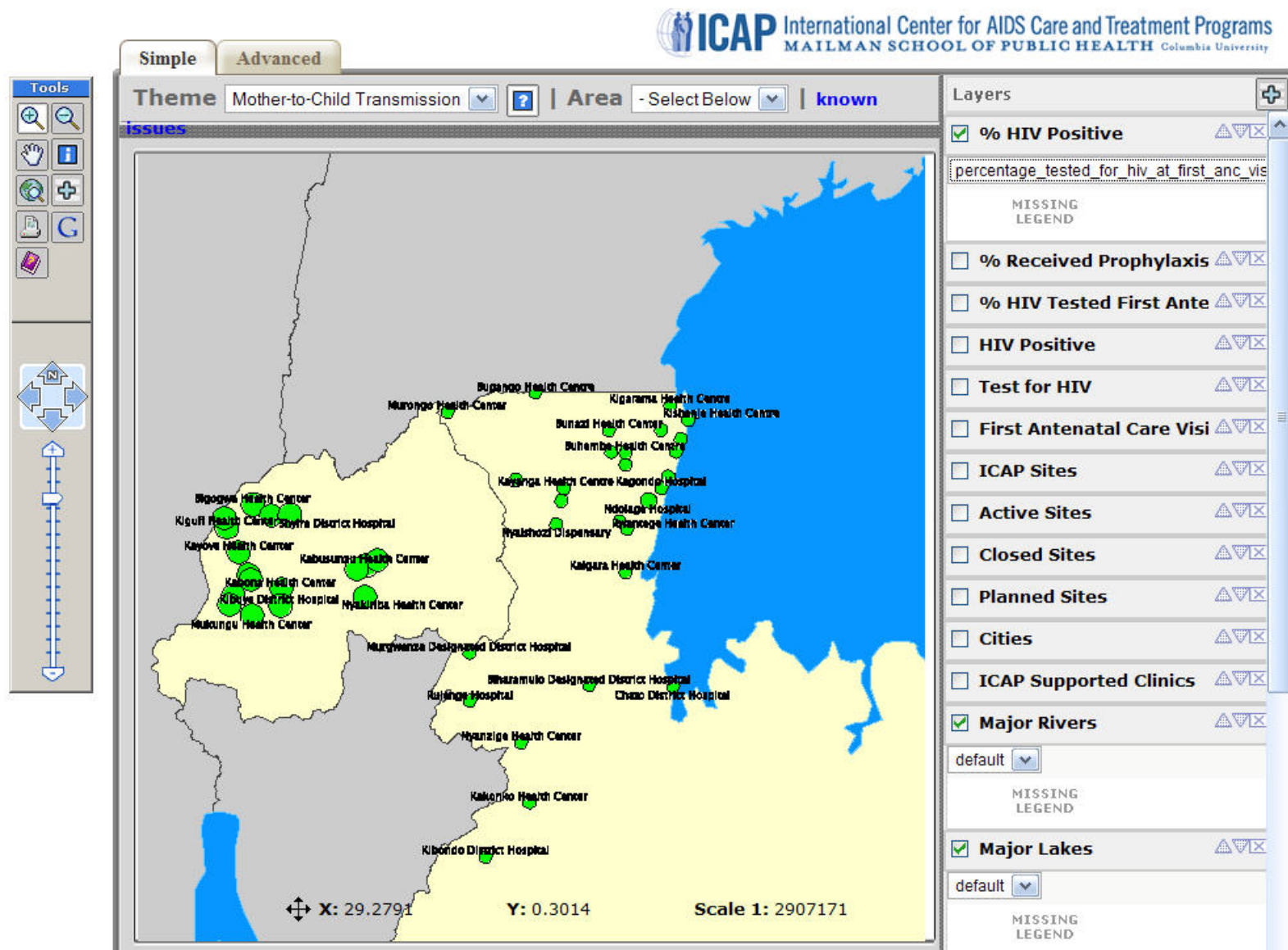
FEATURE INFO

If your map isn't displayed, try reloading the page.

Site Census



Percent HIV tested



Context Files and OGC Layers

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Simple Advanced

Theme Mother-to-Child Transmission | Area Ethiopia | known

Layers

- ☒ % HIV Positive
percentage_tested_for_hiv_at_first_and_vis
- MISSING LEGEND
- ☐ % Received Prophylaxis
- ☐ % HIV Tested First Ante
- ☐ HIV Positive
- ☐ Test for HIV
- ☐ First Antenatal Care Visi

Tools

Map of Ethiopia showing health centers and regions.

Feature Info

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http://beta.www.ciesin.columbia.edu - Add New Layer - Mozilla Firefox

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Select the source of the layer, enter or update all of the required information, and select "Next."

☐ Add a New Service Web Feature Service

Select URL: Select below

Or Enter URL:

☐ Upload a File GML

File Name: Browse...

SRS: EPSG: 4326

☐ Filter an Existing WFS Layer

Back Next

Done

Observations on URS

- Has been generally helpful to unify reporting from various program realms under one system
 - Need to balance the desire to standardize with flexibility across and within countries
 - Requires buy-in and participation from clinical staff and program managers
- Improves data quality
- Does not obviate the need for more complex data bases, locally developed and maintained
 - These will become increasingly common and there will be a need to avoid duplicate data entry
- Holds great potential to assist and inform implementation activities
- Is scalable to many sites and programmatic activities, perhaps even nationally
 - Some ministries have expressed interest in adapting the site-census, PFaCTS, and GIS tools for their national programs

SEDAC Mapping Client

<http://sedac.ciesin.columbia.edu/mapviewer/index.jsp>

ICAP Map Viewer

<http://beta.www.ciesin.columbia.edu/icap/mapviewer/>

Thank You !